FIGURE 1A

Nucleotide sequence of the partial PLC-1 from Physcomitrella patens (SEQ ID NO:1)

FIGURE 1B

Nucleotide sequence of the partial PLC-2 from Physcomitrella patens (SEQ ID NO:2)

FIGURE 1C

Nucleotide sequence of the partial 14-3-3P-1 from Physcomitrella patens (SEQ ID NO:3)

TTTTTTTTAATTGTAAACCGCACAGCCCGGACACAAAACCATCCCACTGCACGAGT CAGATATAACCGTACATGATGTTTATAATGCATTGTTCATTTTAATATTAAAATCTTA AGAGGAAATCTATGAACAGCCAGTCTCTACGCAGAACAAAATAGGCAAGACATGTC TGAGGCTCTTTCCGAATCCACCCCATCAGAAAAGACTTGATTGTCGTGATCACTCCG CTTCCTCCGGTCTCATGTCATCTCCCTTTCCCTGGTCGTCGCCTACATCGTCCTGGAG ATCTGACGTCCATAAAGTCAGATTATCTCTAAGTAGTTGCATGATCAATGTGCTGTC CTTGTACGACTCCTCACTCAATGTGTCCAATTCGGCAATTGCCTCGTCGAATGCTTGC TTCGCCAAATGGCATGCCCGCTCAGGGGAGTTCAAAATCTCATAATAGAAGACAGA GAAGTTCAAGGCCAGCCGAATCGGATGAGTTGGCGCCAAGTCTGTCACTTG AGCCCCAGTTTTGAACTCCGCCAGGTACCGATAGTAATCTCCCTTCATTTTATAGTAG AACACAGTGGACTCTCCCGTGCTGGACGAAGGAATCAAATGTCCGTCGATGATAGA CAGGATATCATTGCAGATCTTCGACAGCTCCTCCTCCACCTTGTGTCTTGTAGTCCTTG GATCCGCCATGACGCCCTCCGGGCTCCGATGACATTCTTATAACCCACGGACAAGAG ATTTCGCTCCTCTACTGTCAGCTCCACATCAAGCTTGGCAACCTTCTTCATCGATTCC ACCATCTCATCGTAACGCTCCGCCTGCTCGGCGAGCTTGGCCATGTACACATAGCTC ${\tt TCGCGCTCCTTCTCCGTACTCATCTTGGCCTAGCACACTCGTCCACGACAGTCCGAA}$ ATAGCAGTATCGCGCACCGTCCCCCGAGCACAAACCAAGCGCAGAACGGCAACACA CTATGCAATGTAAAGGAAAACGCAGACACAAGAGGAGACGGAAAAAAACAATAGAGG TGAGCTGGTGC

FIGURE 1D

Nucleotide sequence of the partial 14-3-3P-2 from Physcomitrella patens (SEQ ID NO:4)

FIGURE 1E

Nucleotide sequence of the partial CBP-1 from Physcomitrella patens (SEQ ID NO:5)

GCACCAGGTTTTAGTAACAGATGGGAAATACTGCAAGAGCGTTTGGTTGTTGAAAG
GGCCTACAGTTGTAAACTAGGCGATCACAAGTGCATTGCTTCATTGAGCTTTCGCAT
GGACTCAATCCAGCTATTGATCTCAATCTTTGTTTTTTCTAAAACATTTTTTCACACA
GATGAGCCGGTAGTAGTGTCAGTACTAGACGGCTCAGCAATTAAGGCTTTGCTAGA
AGATGAAGATGATTTTGCGATGGTTGCCGAGGATCTGTTTGAGAAGTTAGACACTGA
TGAGAGTGGCAAGCTGAGCAGCAAAGAGCTTCGACCTGCCATTATGCAGCTGGGCG
TTGAGCAGGTGTCCCTCCTGCCGCAGCTACTACTGAAGCGGAGGAATTGGTTACCA
AGTTGATCAACAAGTACGGCCAGGGAACCGAGGAGCTTGGACAAGCTCAATTTGCT
GCATTATTGCAAGATGTCCTTCAGGATATGGCCGAGTCTCTTTGCAGAGAAACCTATC
ACAATTGTACGAGATGTGAAAATGCTCAACGGCTCTCATTTGCGAAAGATGCTTGGC
TGATGAGAAGGCATTCAAAGGAAATGGCAGATAACATGTTTTAATTGACCTCAGAT
GTCAACAAAAGATCAACGCTTGAGCAAGTGAAATCAGACCATTATTTGAACAACAA
ACTGAGCGTGGGGGTCTACCTCCCGTGGTGATTCGGCACAAANAATATTGACGAGTT
TCAGGCGTGNTCCACAAACATGGGNAGTGAAGCCGNTTTGGATCGGCANACCCCGC
GGTTTTGGGAACNNGGGGTC

FIGURE 2A

Nucleotide sequence of the full-length PLC-1 from Physcomitrella patens (SEQ ID NO:6) ATCCCGGGAATCGTCGGGTGACATTCCTGTTCCTACTGCTGTTTTGGCCCATTCGTCCA ${\tt CTCGGCCCATCTCCACTGACTTCCCCAATTGAGATCAGATGGTCTTGTAAGGCAGAG}$ AGCGAGCGAGAGAGAGAGAGAGAGAGAGAGAGTTGAGGCGAAGG GGAGGTGTCGGAGGGGATTTATTGTGCCGTAGCTGGGTTTGCAAAAATGTGTTCTATTCCGTTCGGTCGGAAGAAGTCCAAGAAGGGGGATTTGGCGCAGGATCTGTTGGGGG ATGTGTTCTCGACTTACAGCGAGAATGGGAAGCTGGACGCCGAGGGGTTGCTGAAG TTCTTGCAGACAGAGCAAGGGGATAGCAAGTCCTCTCTAGATGACGCCAAGCATTTA ${\tt GTGGAGTTGATTCGGAATGAGAGACATAAGTCGAAATTCCCTGGGTTCATCGTCAGC}$ TCGGACCTGTCGAAGGGTGATTTTAAAAAACTATGTACTGAGCCCGGATTTGAATGGG GTTCTTGAAAGCACTGTGCATCAAGACATGACGCAGCCGTTATCGCACTACTTCATA TTCACTGGTCACAACTCGTACTTGACGGGTAACCAGCTTAGCAGCGACAGTAGCGAC ${\tt GTTCCCATTGCTGCACTGCAACGTGGCGTGCGGGTGGGAACTGGATTTGTGG}$ ${\tt CCTGACGATAAAGGCGGCATCAAGGTCACTCACCGGGAACACACTCACCAGTCCAGT}$ TGCTTTCGAGAAGTGCATAAAAGCCATCAAGGCCAACGCGTTCGTCTCCTCGAAATA TCCTGTAGTTATCACTCTTGAGGATCATCTTTCAAGTCCTTTACAGGCCCTTGCTGCA GAGACTTTGACGAACATTTTGGGAGAGGACTTGTACTATCCACCCTCATCCGATGGG TTTAAAGAACTGCCTTCTCCGGAATCATTGAAAGGGAAAATTCTAATATCTACCAAA CCGCCGAAAGAATACCTTGAAGCCGCTGTCGCACAGAAGTCGGCGTTGAAAGATGA A AAGATTTTGAATGAGTTCAAGAAGGCAGATAAGTTGCAGGAGCAGTCAACTGCTCCTGTTAAAAGCCCCGTTGAGAAAAAGATTGCAGTTCCACCATCAGAGAAGACAAAA TCCATTTCCGAAGAGAAGGACTTGAGTGAAAAAGTTGGAAATTTACGTGTTGATTCA

FIGURE 2A Continued

GAGGGTGAATCAGCTGATCCTGCCCCTGCAAGTTCCCCCGACGGTAAGAAAGCAAC ATTGACAGCGGATAGTGAAGTGACGATGACGACAATAAGAAGAATCCTGAGTATG CTCGGCTTATCACTATCCACCAATCGAAGCCTTCGAAAGGAACTACCGTGGAAGAC AGACTGAAAGTTGAAGGGACAGTGGTACGGATTAGTCTTTCAGAGACTAAGCTGGA GAAGGTCACTGAAGAGTTTCCTGAACTTGTGGTCAAGTTCACGCAGAGGAACATTCT ACGTGTGTATCCTGCTGGTAACCGAGTAAACTCGTCCAACTATGATCCTACTGCGGC TTGGATTCACGGAGCTCAAATGGTGGCTCAAAATATGCAAGGTTATGGCAAAGAGC TCTGGCAAGCCCACGGCAAGTTCAGGGGAAATGGTGGCTGTGGATACATCCTTAAG CCAAAGTATCTATTGGAAGATTTGCCCAATGGTAAACCTTTTAACCCTTCAGGACAA AGCGTTCCCCAAATACCATTTCGACCTTTTCTCGCCTCCAGATTTCTTCACTAGGCTG CTTGTGACTGGAGTGCCTGCCGATGTGGCAAAGTGGAAAACTTCCGTTATAGATGAC GTTTGGGAACCCCACTGGAACGAGGATCACGAGTTTTACCTTAAATGCCCTGAACTT GCACTGCTCCGAATTGAAGTTAGAGATCACGACGAGGAAAGTCAAGATGAGTTCGA AGGGCAGGCGTGCCTTCCAATGCATGAAATTAAAGACGGCTATCGATGCGTGCAGA TGTATGACAAAAGGGCAGTGTGTTGAAGGGCGTGAAAATGTTGTTCCATTTTCAAA AACGTTCGTTTTCTCCGGTCCAGTAATTCATCGTTTTCAAAAACATTTCTGTCTCAAT CCTGCAACGAGTAATTTTAGAGAAGGAAGGCTAACGCACTCGAGATGTCTGAAAGG TGAAGAGTTGGAGGGAAGAAGGGTAGCTCGCTGTATCACCGAGCTCTAGTGAACTT **TTGGTTAACGC**

FIGURE 2B

Nucleotide sequence of the full-length PLC-2 from Physcomitrella patens (SEQ ID NO:7) ATCCCGGGCTTCGGGAGTTTAAGAGGATGTCACGGCGTGGGAAGACGAGGCGGTGA TGCAGGTTTGGGTGGAGCTTAAGGTTGACGGAGTGTAAGGGATCGGCTCGTCACTG GGTTTGCAAAATGTGTTCCATAGCATGTTGTCGAAGTGGAACCCCGAAAGGGGATCC GGAGCAAGACCTGGTGGGGGAGGTGTTCACAATATACAGCGAGAATGAGAGGATG AGTGCGGAGGGTTGCTGAAATTCTTGCATACAGAGCAAGGGGATGTCGACTTCAC CCTTGATGACGCCAAGCAGATCATGGAGCGCATTCGCAAGGACTGGAAGAAATCCT TCGGACTCGCCTCTATCAACTCAGACTTGTCGAAGGAGGCTTTTCGGAAGTACTTGA TGAATCCCGACTTGAATGGCGTCTTACACAACGTTGTTCACCAAGACATGACGCAGC CGATGTCGCACTATTTCATATTCACGGGCCATAACTCGTACCTGACCGGCAACCAGC TGAGCAGCGACAGCGACACCCATCGCTGCGGCACTGCGGCGCGCGTGCGG GTTGTGGAATTGGACTTGTGGCCTGATGACAAAGGCGGCATGAAGGTCACACACGG AAACACACTTACCAATCCGGTGTCGTTCCAAAAGTGTGTCACAGCCATCAAGAATAA CGCCTTCTTCACCTCGGAGTACCCAGTTTGCGTTACTATTGAGGATCATCTTACAAGC GAATTACAGGGCCATGCTGCAGAGATTTTAGAGCAAATTCTCGGAGACGCCCTGTAT TATCCACCACAACTGATGCATTAGTGGAGTTTCCTTCACCGGAGTCACTGAAGAGG AAGATCATAATCTCCACCAAACCGCCGAAGGAGTATCTCGAAGCATGTTCCACGCA TTGGAGCAGACCACATTCGCTCCCCTTGAAGAGAACCACATCCTGGGAGAAAATAC ACCATCGCTGCGTAAGGAAGTCGAGGTTTTAAGCCAAAAGGAAATGTCAACACCAG CTGAGCTTAACTCTAGAAGTCCCTCTGACCTCGGGGAAGCAACATCCACAAGGTATA GCAAGAGCAACGATGGCAATGACAACCCTAAACATTTCAAGTATGCCCGGCTCATC

FIGURE 2B Continued

ACAATCCGGCTAGCAAAGCACGCAAAGGGGACATCGATGGAGCATCGACTGCAAGT CGATGAATCAGTGAAACGGATCAGTCTGTCGGAATCGAAGCTGGAAAAAGTGGTGG AAAAGTGGCCGAAGCTCTGGTCAAATTCACGCAGAAGAACATTTTACGTGTGTATC CTGCTGCTAATCGTGTAAACTCCTCCAACTTCTGCCCTACTCTGGCTTGGAACTACGG TTGGCAAGTTCAAGGGAAATGGGGGATGTGGGTATGTTTTGAAGCCACAGTATCTGT TGGAAAACTTGCCTTCTGGTGTGCCTTTCAACCCCACATCACCCAGAAACACAACCC TAATTCTCAAGATTAAAGTTATGACTACCTTGGGATGGGACAAGGCCTTTTCCAAAC GCCATTTTGACCTATTCTCACCTCCAGATTTCTTCACTAGGGTGATTGTGGTGGGAGT GCCTGCTGACGAGGCCAAGTGGAAGACATCTGTGGTGGACAATTCATGGGCACCCC ATTGGAATGAGGACCATGAGTTTGCCCTAAAATGCCCTGAGCTCGCACTACTTCGCA TCGAGGTCCGAGACCATGATGATGATAGCAAAGATGAGTTTGAAGGCAGACATGC CTTCCCATCCATGAAGTCCGGGATGGGTATCGGTGCAAATGTACGACAAGAA GGGCAATGTACTGAAAGGCGTGCTGATGTTGTTTCATTTTCAAAAGTGCAAATGCAC CTTTCAAGACACAGCTCCTATATCCTCTTAAACTCAACCCGCCCACACATGGCCCCA TTATCAATTACTAATGCTGCTTTTTATGTTGCCATTGTCATATAATTGTTGGTTTGTGG GGGGAAGACTGACCAGTTTAGTGTGTGCACCCAAGGTTAACGCC

FIGURE 2C

Nucleotide sequence of the full-length 14-3-3P-1 from Physcomitrella patens (SEQ ID NO:8) ATCCCGGCCGACTGTCGTGGACGATGTGCTAGGCCAAGATGAGTACGGAGAAGGA GCGCGAGAGCTATGTGTACATGGCCAAGCTCGCCGAGCAGGCGGAGCGTTACGATG AGATGGTGGAATCGATGAAGAAGGTTGCCAAGCTTGATGTGGAGCTGACAGTAGAG GAGCGAAATCTCTTGTCCGTGGGTTATAAGAATGTCATCGGAGCCCGGAGGGCGTC ATGGCGGATCATGTCATCCATCGAACAGAAGGAGGAGGAGCAAAGGTAACGAACAG AATGTTAAACGCATCAAGGACTACAGACACAAGGTGGAGGAGGAGCTGTCGAAGAT CTGCAATGATATCCTGTCTATCATCGACGGACACCTGATTCCGTCGTCCAGCACGGG AGAGTCCACTGTGTTCTACTATAAAATGAAGGGAGATTACTATCGGTACCTGGCGGA GTTCAAGACCGGGAATGAGAGGAAAGAGGCCGCTGACCAATCTTTGAAGGCATACC AGGCTGCATCCAGCACTGCAGTGACGGACCTGGCACCGACGCATCCTATCCGACTG GGATTAGCTTTGAACTTCTCGGTCTTTTATTATGAAATTTTGAACTCTCCTGAGAGGG CATGCCATTTGGCGAAACAAGCATTTGACGAGGCGATTGCTGAGTTGGATACGTTAA GTGAGGAGTCGTACAAGGACAGCACATTGATCATGCAGCTACTTAGAGATAATCTG ACCCTGTGGACATCTGACCTTCAGGACGAGGGAGGTGACGACCAGGGAAAGGGAGA TGATATGAGGCCCGAGGAGGCTGAGTGATGACGATTAGGTCTTTTATGTGGAGACG AATTTGCAAATCACTTCACTCAATTGGTGGTGGGCCGGGGCAAGAAGATGTGCAGTT GCGTGCCGAGCTCGC

FIGURE 2D

Nucleotide sequence of the full-length 14-3-3P-2 from Physcomitrella patens (SEQ ID NO:9) GCGTTAACTTCACAATGACGGAGCTACGAGAGGAAAATGTGTACATGGCTAAGCTC GCCGAGCAGCGGAGCGGTACGATGAGATGGTGGAAGCCATGGAGAATGTGGTAA AGGCGGTGGAGAACGAGGAGCTGACCGTGGAGGAGCGGAACCTGTTGTCGGTGGCG TTTAAGAACGTGATTGGTGCGAGGAGGGCGTCGTGGCGGATCATCTCTTCCATCGAG CAGAAGGAAGAGCCAAGGGGTCTGAGGAGCACGTCGCTGCTATTAAGGAGTACCG ATCCAAAGTAGAGGCTGAGTTGAGCACCATCTGTGACACTATATTGAAGCTTTTGGA CTCGCACCTGATCCCGTCCTCCACCTCGGGGGGGGTCGAAGGTTTTTTACTTGAAAAT GAAGGGAGACTATCACAGGTACCTGGCTGAGTTCAAAGCCGGCGCTGAGAGAAAAG AGGCAGCTGAGGCTACATTGCACGCGTACAAGCATGCACAAGACATTTCAACGACA GAGTTGGCGTCCACACATCCTATCAGATTGGGATTGGCTTTGAATTTTCTGTCTTTT ACTACGAAATTTTGGTTTCTCCAGACCGAGCATGCCATCTTGCCAAGCAGGCTTTTG ATGAAGCTATCTCTGAGTTAGATACCTTAGGAGAGGAATCCTACAAAGACAGTACTC TCATTATGCAGCTGCTCCGGGATAACCTTACCTTATGGACTTCAGATATGCAGGACG ACATTGGTGAAGAAGGAAGGATTCCAAGGTCGAAGATGCTGATGACCACTAGAAC TTAGAATAGAAACTCATGTCCAGGCGACTAAGTTGAGGCTGGAGCTCGC

FIGURE 2E

Nucleotide sequence of the full-length CBP-1 from Physcomitrella patens (SEQ ID NO:10) ATCCCGGGTCAGCTCGTGGAAGTGTTGCAGCAGCGCGGACGGCAGGATCGGACAT TTTGAGATTTTTGACAGGGCTATCAGAGGTGTTCAGAAGGGCGACAAAGACCAGC ATGTCAACAGAGGGAGGACTGCATGTTCTTGATGGATCTCAGATCAGAAATGCATTA CCCGATCTTCAATCGAGGAACAGTTTTTCTAAGAATGATGAAGGGTCGAAAGGGTAT CTGACACCATCTGAGATGCGGCAGGCTGCGGAAGCAGAAGCAGCCGCTCTTCTCTT AGGTGTCCAACTTTCCTCAAAGATTTTTGAAAATGCTGCATCAAAACTTCCAACTGA AGATTCTGCAGAGATCACGGAGGACGTGTTTTCCAGTACTCTGCAGAGTTATCTAAC AGCAATTGCTGATGCTTTAGAAGATGAGCCGGTAGTAGTGTCAGTACTAGACGGCTC AGCAATTAAGGCTTTGCTAGAAGATGAAGATGATTTTGCGATGGTTGCCGAGGATCT GTTTGAGAAGTTAGACACTGATGAGAGTGGCAAGCTGAGCAGCAAAGAGCTTCGAC CTGCCATTATGCAGCTGGGCGTTGAGCAGGGTGTCCCTCCTGCCGCAGCTACTACTG AAGCGGAGGAATTGGTTACCAAGTTGATCAACAAGTACGGCCAGGGAACCGAGGAG CTTGGACAAGCTCAATTTGCTGCATTATTGCAAGATGTCCTTCAGGATATGGCCGAG TCTCTTGCAGAGAAACCTATCACAATTGTACGAGATGTGAAAATGCTCAACGGCTCT CATTTGCGAAAGATGCTGGCTGATGAGAAGGCATTCAAGGAAATGGCAGATAACAT GTTTAATGACCTAGATGTCAACAAGATCAACGCTTGAGCAAGGCTGAAATCAGAC CATTATTTGAACAACAAACTGCAGCGTGGGGTCTACCTCCCGTTGGTGATTCGGACA CAGAAGAACTATTTGACGAGGTTTTCAAGGCCGTTGACTCAGACAAAAGTGGGGAA GTTGAAAAGCCTGAGTTTGCAGTTCTTGTCAAGACTCTCCTTGCGGATTTTGCGGAA ACGTTGCGGCTCAACCCAATACTAGTGGAGATAGAAACTGCCTCTCGTTGAAGCATC GAGTCATAGTTCTGGGGGAGCGATGTTTTCTAAAGTCGTAGTCCATTTTTGGATAAG

FIGURE 2E Continued

FIGURE 3A

Deduced amino acid sequence of PLC-1 from Physcomitrella patens (SEQ ID NO:11) MCSIPFGRKKSKKGDLAQDLLGDVFSTYSENGKLDAEGLLKFLQTEQGDSKSSLDDAK HLVELIRNERHKSKFPGFIVSSDLSKGDFKNYVLSPDLNGVLESTVHQDMTQPLSHYFIF TGHNSYLTGNQLSSDSSDVPIAAALQRGVRVVELDLWPDDKGGIKVTHGNTLTSPVAFE KCIKAIKANAFVSSKYPVVITLEDHLSSPLQALAAETLTNILGEDLYYPPSSDGFKELPSPE SLKGKILISTKPPKEYLEAAVAQKSALKDEKILNEFKKADKLQEQSTAPVKSPVEKKIAV PPSEKTKSISEEKDLSEKVGNLRVDSEGESADPAPASSPDGKKATLTADSESDDDDNKKN PEYARLITIHQSKPSKGTTVEDRLKVEGTVVRISLSETKLEKVTEEFPELVVKFTORNILR MCSIPFGRKKSKKGDLAQDLLGDVFSTYSENGKLDAEGLLKFLQTEQGDSKSSLDDAKHLVELIRNERHKSKFPGFIVSSDLSKGDFKNYVLSPDLNGVLESTVHQDMTQPLSHYFIF TGHNSYLTGNQLSSDSSDVPIAAALQRGVRVVELDLWPDDKGGIKVTHGNTLTSPVAFE KCIKAIKANAFVSSKYPVVITLEDHLSSPLQALAAETLTNILGEDLYYPPSSDGFKELPSPE SLKGKILISTKPPKEYLEAAVAQKSALKDEKILNEFKKADKLQEQSTAPVKSPVEKKIAV PPSEKTKSISEEKDLSEKVGNLRVDSEGESADPAPASSPDGKKATLTADSESDDDDNKKN PEYARLITIHQSKPSKGTTVEDRLKVEGTVVRISLSETKLEKVTEEFPELVVKFTORNILR VYPAGNRVNSSNYDPTAAWIHGAQMVAQNMQGYGKELWQAHGKFRGNGGCGYILKP KYLLEDLPNGKPFNPSAPGDTKMILKVKVMTTMGWDKAFPKYHFDLFSPPDFFTRLLVT GVPADVAKWKTSVIDDVWEPHWNEDHEFYLKCPELALLRIEVRDHDEESQDEFEGQAC LPMHEIKDGYRCVQMYDKKGSVLKGVKMLFHFQKRSFSPVQ*

FIGURE 3B

Deduced amino acid sequence of PLC-2 from Physcomitrella patens (SEQ ID NO:12)

MCSIACCRSGTPKGDPEQDLVGEVFTIYSENERMSAEGLLKFLHTEQGDVDFTLDDAKQ

IMERIRKDWKKSFGLASINSDLSKEAFRKYLMNPDLNGVLHNVVHQDMTQPMSHYFIFT

GHNSYLTGNQLSSDSSDTPIAAALRRGVRVVELDLWPDDKGGMKVTHGNTLTNPVSFQ

KCVTAIKNNAFFTSEYPVCVTIEDHLTSELQGHAAEILEQILGDALYYPPTTDALVEFPSP

ESLKRKIIISTKPPKEYLEACSTQKLAMENRNLVEELEKEDKLEQTTFAPLEENHILGENT

PSLRKEVEVLSQKEMSTPAELNSRSPSDLGEATSTRYSKSNDGNDNPKHFKYARLITIRL

AKHAKGTSMEHRLQVDESVKRISLSESKLEKVVEKWPEALVKFTQKNILRVYPAANRV

NSSNFCPTLAWNYGAQMVAQNMQGYGKELWQAFGKFKGNGGCGYVLKPQYLLENLP

SGVPFNPTSPRNTTLILKIKVMTTLGWDKAFSKRHFDLFSPPDFFTRVIVVGVPADEAKW

KTSVVDNSWAPHWNEDHEFALKCPELALLRIEVRDHDDDSKDEFEGQTCLPIHEVRDG

YRCMQMYDKKGNVLKGVLMLFHFQKCKCTFQDTAPISS*

FIGURE 3C

Deduced amino acid sequence of 14-3-3P-1 from *Physcomitrella patens* (SEQ ID NO:13)

MSTEKERESYVYMAKLAEQAERYDEMVESMKKVAKLDVELTVEERNLLSVGYKNVIG

ARRASWRIMSSIEQKEESKGNEQNVKRIKDYRHKVEEELSKICNDILSIIDGHLIPSSSTGE

STVFYYKMKGDYYRYLAEFKTGNERKEAADQSLKAYQAASSTAVTDLAPTHPIRLGLA

LNFSVFYYEILNSPERACHLAKQAFDEAIAELDTLSEESYKDSTLIMQLLRDNLTLWTSD

LQDEGGDDQGKGDDMRPEEAE*

FIGURE 3D

Deduced amino acid sequence of 14-3-3P-2 from Physcomitrella patens (SEQ ID NO:14)

MTELREENVYMAKLAEQAERYDEMVEAMENVVKAVENEELTVEERNLLSVAFKNVIG
ARRASWRIISSIEQKEEAKGSEEHVAAIKEYRSKVEAELSTICDTILKLLDSHLIPSSTSGES
KVFYLKMKGDYHRYLAEFKAGAERKEAAEATLHAYKHAQDISTTELASTHPIRLGLALN
FSVFYYEILVSPDRACHLAKQAFDEAISELDTLGEESYKDSTLIMQLLRDNLTLWTSDMQ
DDIGEEGKDSKVEDADDH*

FIGURE 3E

Deduced amino acid sequence of CBP-1 from *Physcomitrella patens* (SEQ ID NO:15)

MSTEGGLHVLDGSQIRNALPDLQSRNSFSKNDEGSKGYLTPSEMRQAAEAEAAALLLG

VQLSSKIFENAASKLPTEDSAEITEDVFSSTLQSYLTAIADALEDEPVVVSVLDGSAIKAL

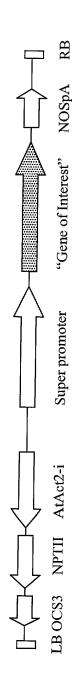
LEDEDDFAMVAEDLFEKLDTDESGKLSSKELRPAIMQLGVEQGVPPAAATTEAEELVTK

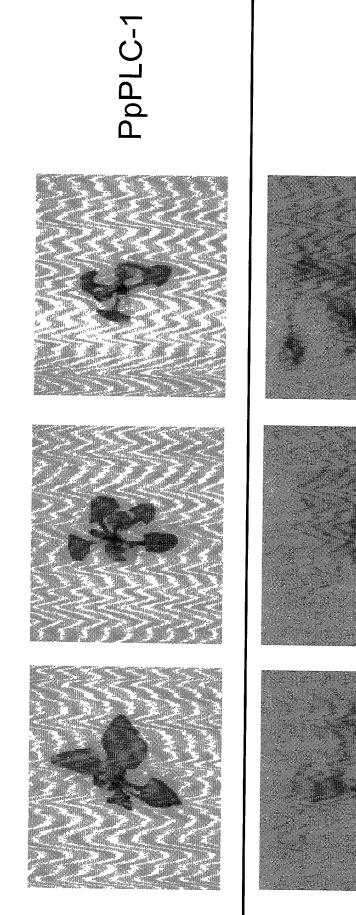
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KAFKEMADNMFNDLDVNKDQRLSKAEIRPLFEQQTAAWGLPPVGDSDTEELFDEVFKA

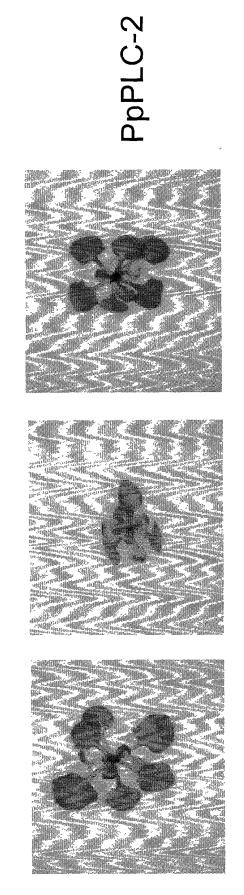
VDSDKSGEVEKPEFAVLVKTLLADFAETLRLNPILVEIETASR*

FIGURE 4

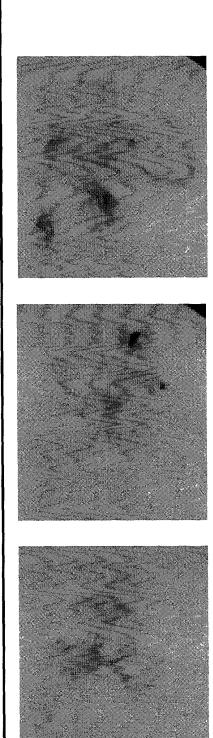


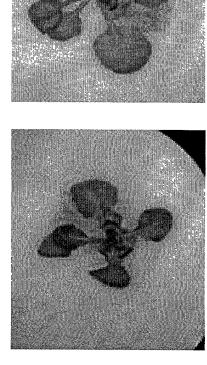


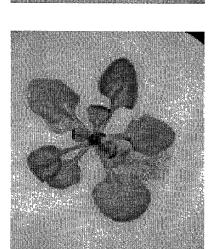
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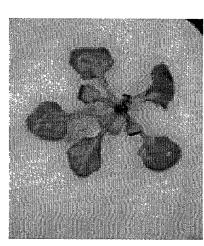


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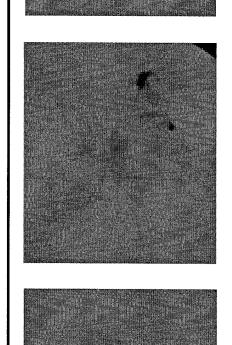




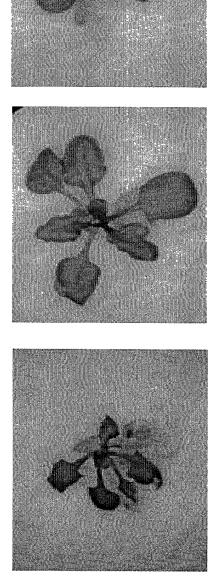


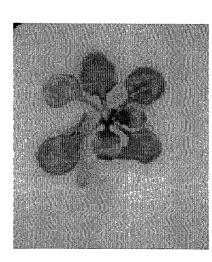


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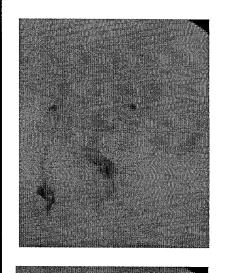


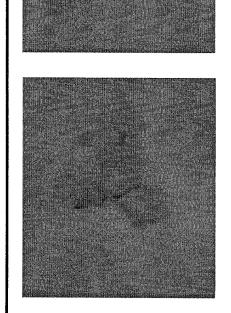
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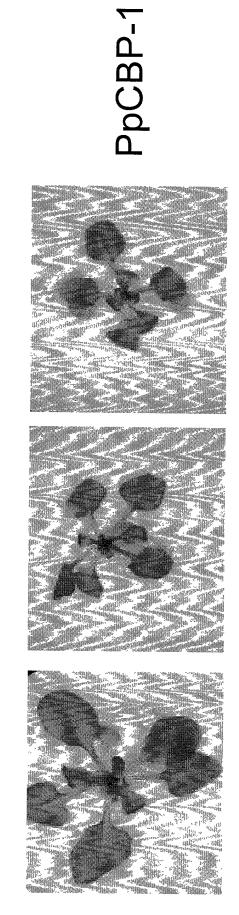




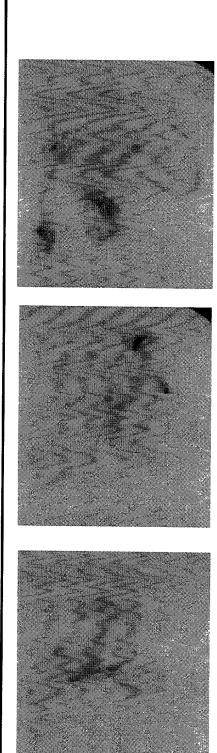
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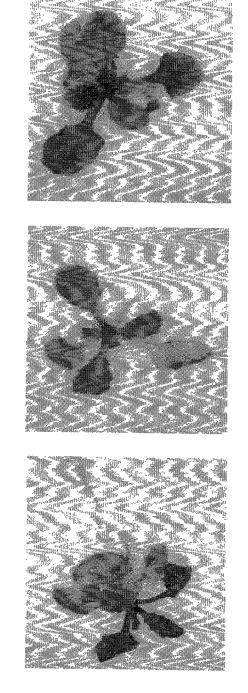




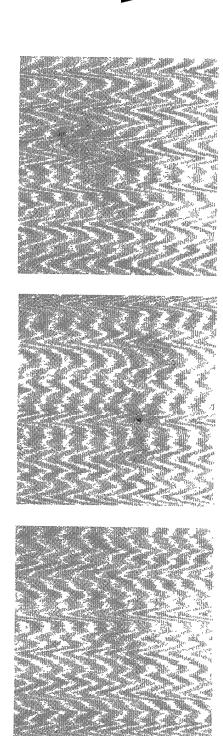


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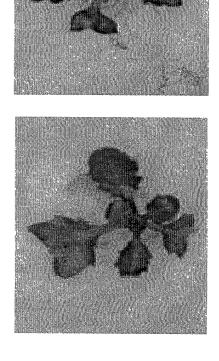


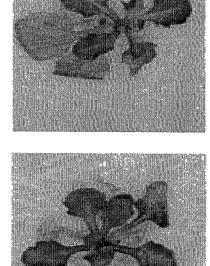


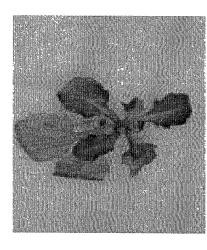
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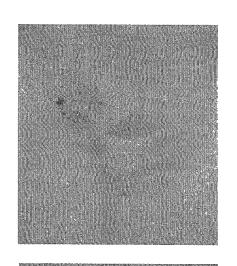
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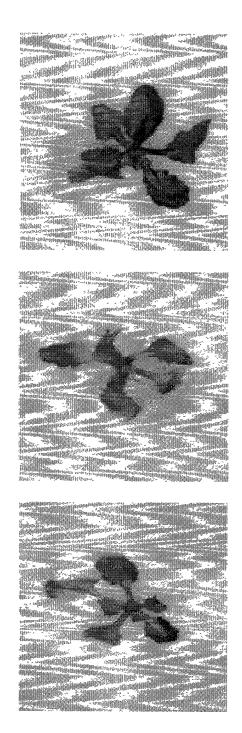




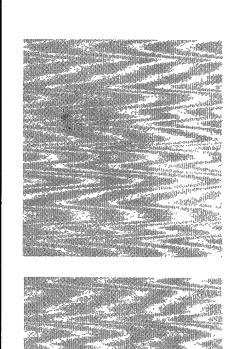


Pp14-3-3P-1





PpCBP-1



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